

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,290,015 B1
APPLICATION NO. : 10/679015
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INVENTOR(S) : Vivek P. Singhal and Ian David Emmons

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims:

Line 46, col. 14 please replace "sending a said set" with --sending said set--

Line 6, col. 15 please replace "discarding messages" with --discarding message--

Line 23, col. 16 please replace "sending a said set" with --sending said set--

Line 21, col. 18 please replace "transaction to a the first database" with

--transaction to the first database--

Signed and Sealed this

Twenty Second Day of April, 2008



JON W. DUDAS
Director of the United States Patent and Trademark Office